Author/Title Index

(Volume 15)

Ballantyne, Roy, See Sparks, Ross S.

Beaton, Albert E., & Johnson, Eugene G., *The Average Response Method of Scaling,* Vol. 15, No. 1, p. 9

Boekkooi-Timminga, Ellen, *The Construction of Parallel Tests From IRT-Based Item Banks,* Vol. 15, No. 2, p. 129

Camilli, Gregory, & Smith, Jeffrey K., *Comparison of the Mantel-Haenszel Test With a Randomized and a Jackknife Test for Detecting Biased Items,* Vol. 15, No. 1, p. 53

Grayson, David, See Marsh, Herbert W.

Hodges, J. L., Jr., Ramsey, Philip H., & Wechsler, Sergio, *Improved Significance Probabilities of the Wilcoxon Test,* Vol. 15, No. 3, p. 249

Huynh, Huynh, *Error Rates in Competency Testing When Test Retaking is Permitted,* Vol. 15, No. 1, p. 39

Huynh, Huynh, *Computation and Statistical Inference for Decision Consistency Indexes Based on the Rasch Model,* Vol. 15, No. 4, p. 353

Johnson, Eugene G., See Beaton, Albert E.

Longford, Nicholas T., *Multivariate Variance Component Analysis: An Application in Test Development,* Vol. 15, No. 2, p. 91

MacCann, Robert G., *Derivations of Observed Score Equating Methods That Cater to Populations Differing in Ability,* Vol. 15, No. 2, p. 146

Marsh, Herbert W., & Grayson, David, *Pubic/Catholic Differences in the High School and Beyond Data: A Multigroup Structural Equation Modeling Approach To Testing Mean Differences,* Vol. 15, No. 3, p. 199

Ramsey, Patricia P., See Ramsey, Philip, H.

Ramsey, Philip H., & Ramsey, Patricia P., *Critical Values for Two Multiple Comparison Procedures Based on the Studentized Range Distribution,* Vol. 15, No. 4, p. 341

Ramsey, Philip H., See Hodges, J. L., Jr.

Sparks, Ross S., & Ballantyne, Roy, *Comparing Expert and Trainee Assessments Using Regression Techniques,* Vol. 15, No. 4, p. 277

Thissen, David, & Wainer, Howard, *Confidence Envelopes for Item Response Theory,* Vol. 15, No. 2, p. 113

Vos, Hans J., *Simultaneous Optimization of Decisions Using A Linear Utility Function,* Vol. 15, No. 4, p. 309

Wainer, Howard, *Adjusting NAEP for Self-Selection: A Useful Place for "Wall Chart" Technology,* Vol. 15, No. 1, p. 1

Author/Title Index

(Volume 15)

Ballantyne, Roy, See Sparks, Ross S.

Beaton, Albert E., & Johnson, Eugene G., *The Average Response Method of Scaling,* Vol. 15, No. 1, p. 9

Boekkooi-Timminga, Ellen, *The Construction of Parallel Tests From IRT-Based Item Banks,* Vol. 15, No. 2, p. 129

Camilli, Gregory, & Smith, Jeffrey K., *Comparison of the Mantel-Haenszel Test With a Randomized and a Jackknife Test for Detecting Biased Items,* Vol. 15, No. 1, p. 53

Grayson, David, See Marsh, Herbert W.

Hodges, J. L., Jr., Ramsey, Philip H., & Wechsler, Sergio, *Improved Significance Probabilities of the Wilcoxon Test,* Vol. 15, No. 3, p. 249

Huynh, Huynh, *Error Rates in Competency Testing When Test Retaking is Permitted,* Vol. 15, No. 1, p. 39

Huynh, Huynh, *Computation and Statistical Inference for Decision Consistency Indexes Based on the Rasch Model,* Vol. 15, No. 4, p. 353

Johnson, Eugene G., See Beaton, Albert E.

Longford, Nicholas T., *Multivariate Variance Component Analysis: An Application in Test Development,* Vol. 15, No. 2, p. 91

MacCann, Robert G., *Derivations of Observed Score Equating Methods That Cater to Populations Differing in Ability,* Vol. 15, No. 2, p. 146

Marsh, Herbert W., & Grayson, David, *Pubic/Catholic Differences in the High School and Beyond Data: A Multigroup Structural Equation Modeling Approach To Testing Mean Differences,* Vol. 15, No. 3, p. 199

Ramsey, Patricia P., See Ramsey, Philip, H.

Ramsey, Philip H., & Ramsey, Patricia P., *Critical Values for Two Multiple Comparison Procedures Based on the Studentized Range Distribution,* Vol. 15, No. 4, p. 341

Ramsey, Philip H., See Hodges, J. L., Jr.

Sparks, Ross S., & Ballantyne, Roy, *Comparing Expert and Trainee Assessments Using Regression Techniques,* Vol. 15, No. 4, p. 277

Thissen, David, & Wainer, Howard, *Confidence Envelopes for Item Response Theory,* Vol. 15, No. 2, p. 113

Vos, Hans J., *Simultaneous Optimization of Decisions Using A Linear Utility Function,* Vol. 15, No. 4, p. 309

Wainer, Howard, *Adjusting NAEP for Self-Selection: A Useful Place for "Wall Chart" Technology,* Vol. 15, No. 1, p. 1

Wainer, Howard, See Thissen, David

Wechsler, Sergio, See Hodges, J. L., Jr.

Wilcox, Rand R., *Comparing the Variances of Two Dependent Groups*, Vol. 15, No. 3, p. 237

Zwick, Rebecca, *When Do Item Response Function and Mantel-Haenszel Definitions of Differential Item Functioning Coincide?*, Vol. 15, No. 3, p. 185

Index of Books Reviewed

(Volume 15)

Applied Statistics: Analysis of Variance and Regression (2nd ed.), by Olive Jean Dunn & Virginia A. Clark. Reviewed by Steven L. Wise, 2:175

Applied Statistics for the Behavioral Sciences, by Dennis E. Hinkle, William Wiersma, & Stephen G. Jurs. Reviewed by Kiaus Witz, 1:84

Behavioral Statistics: Logic and Methods, by Richard B. Darlington & Patricia M. Carlson. Reviewed by Stephen B. Dunbar, 1:68

Multivariate Analysis of Variance and Repeated Measures: A Practical Approach for Behavioural Scientists, by D. J. Hand & C. C. Taylor. Reviewed by Beth Dawson-Saunders, 3:270

Multivariate Statistics: A Practical Approach, by Bernhard Flury & Hans Riedwyl. Reviewed by David Kaplan, 2:171

New Statistical Procedures for the Social Sciences: Modern Solutions to Basic Problems, by Rand R. Wilcox. Reviewed by Stephen Olejnik, 1:78

Statistical Design for Research, by Leslie Kish. Reviewed by Joe L. Spaeth, 3:266

Statistical Methods for the Social and Behavioral Sciences, by Leonard A. Marascuilo & Ronald C. Serlin. Reviewed by Diane Essex-Sorlie, 1:72

Statistical Reasoning for the Behavioral Sciences (2nd ed.), by Richard J. Shavelson. Reviewed by Walter P. Vispoel, 2:179

Statistics in Research: Basic Concepts and Techniques for Research Workers (4th ed.), by Bernard Ostle & Linda C. Malone. Reviewed by Barbara S. Plake, 1:88

Key Word Index

(Volume 15)

Agreement index 4:353
All-pairs power 4:341
Any-pair power 4:341
Assessment training 4:277
Assessor strategy 4:277

Beta-binomial model 1:39
Box-Scheffe test 3:237

Competency test 1:39
Competency testing 4:353
Confirmatory factor analysis 3:199
Congeneric tests 2:146
Culture-fair selection 4:309

Decision consistency 4:353
Decision theory 4:309
Differential item functioning 1:53
Differential item functioning 3:185

Error rate 1:39
Errors in variables 3:185
Exact probabilities 3:249

False negative error 1:39
False positive error 1:39
Functional analysis 2:113

Highest density region 2:113

Information functions 2:129
Item banks 2:129
Item bias 1:53
Item bias 3:185
Item response theory 2:129
Item response theory 3:185

Latent means 3:199
Latent trait 2:91
Linear utility 4:309
Linear programming 2:129
LISREL 3:199
Logistic response models 2:113

M-line plots 2:113
Mann-Whitney U test 3:249
Mantel-Haenszel chi square 1:53
Mantel-Haenszel test 3:185
Matching 3:185
Missing data 1:9
Modified maximum likelihood estimator 3:237
Morgan-Pitman test 3:237
Multiple imputations 1:9
Multiple testing 1:39
Multivariate data 2:91

National Assessment 1:9

Observed score equating 2:146

Pairwise multiple comparisons 4:341
Parallel tests 2:129
Parallel tests 2:146
Psychometric test 2:91

Randomization tests 1:53
Rasch model 1:39
Regression models 1:9

Scaling 1:9
School effects 3:199
Selection theory 2:146
Structural equation models 3:199

Test construction 2:129
True score equating 2:146

Variance components 2:91